

LABDex



Mini Box Muffle Furnace LX245MF

Email: info@labdex.com **website:** www.labdex.com

Description

Mini box Muffle Furnace LX245MF is a mini chamber with 1 L capacity and operating temperature of 1000 °C. Equipped with a microprocessor controlled temperature with self-tuning function, manual-automatic switch and automated heating and insulation. Pre-setted programmes can be automatically proceeded with a one touch start button.

Specifications

Volume	1 L
Maximum temperature	1000 °C
Heating element	High temperature alloy resistance wire
Heating speed	1 ~ 20 °C / min
Working temperature	900 °C
Temperature precision	± 1 °C
Programmable groups	2
Programmable segments	16
Chamber material	Alumina Ceramic Fiber
Thermocouple	S style
Voltage	220 V
Power	2 kW
Dimension (W x L x H)	100 x 100 x 100 mm

Features

- ˆ High temperature heating alloy wire for heating elements
- ˆ Heating speed is 1 ~20 °C / min
- ˆ PID controlled temperature controller with a precision of 1 °C
- ˆ One button press start for pre-programmed functions
- ˆ Durable inner lining of light insulating bricks
- ˆ Double walled housing for high stability and easy air circulation
- ˆ Alert signal for overheating of chamber

- 2 programmable groups with 16 segments in each group

Applications

- Used for soldering, brazing, creating enamel coatings, research centers, medical laboratories to determine the non-volatile and non-combustible proportion of the sample and for highly sophisticated metallurgical applications

Standard Accessories

Accessory No	Accessory
1	Crucible tong
2	High temperature gloves



71-75 Shelton Street Covent Garden, London WC2H 9JQ UK.

Email: info@labdex.com | Website: www.labdex.com